ABSTRACT OF THE DISCLOSURE

A sole assembly for an orbital sander includes a sole plate and a bearing. The sole plate has a top, a bottom, two opposite ends and an integral bearing seat. The bearing seat is integrally formed on and protrudes from the top and has a top, a top opening and a bottom recess. The top opening is defined through the top of the bearing seat. The bottom recess defined co-axially with the top opening through the bottom of the sole plate. The bearing is mounted and held securely in the bottom recess to hold an eccentric shaft. Therefore, the sole assembly has a minimum number of parts, which reduces assembly time and lowers manufacturing costs.